



COMMISSION DE
L'OcéAN INDIEN



ERA5 dataset assessment

- Assessment over Seychelles climatic zones -

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Regional Outlook Forum for South-West Indian Ocean countries

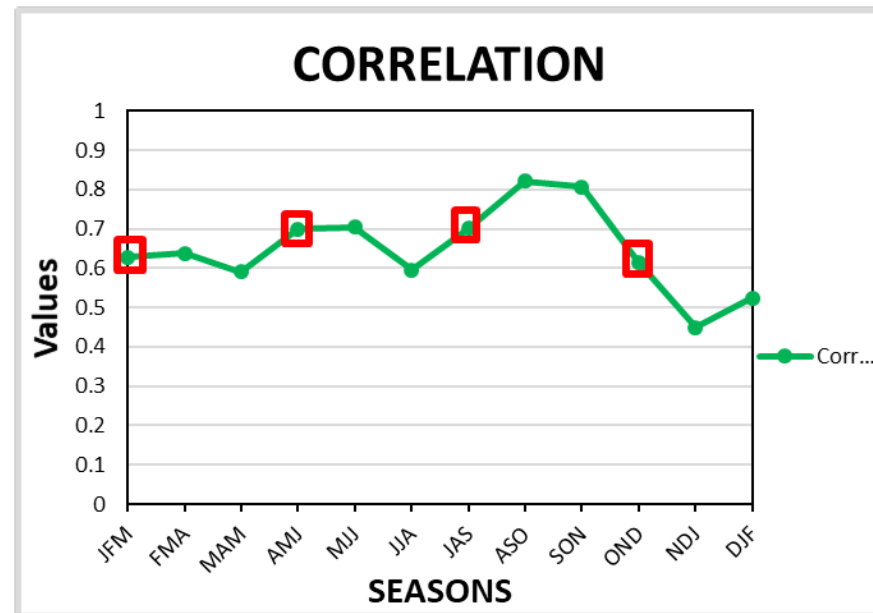
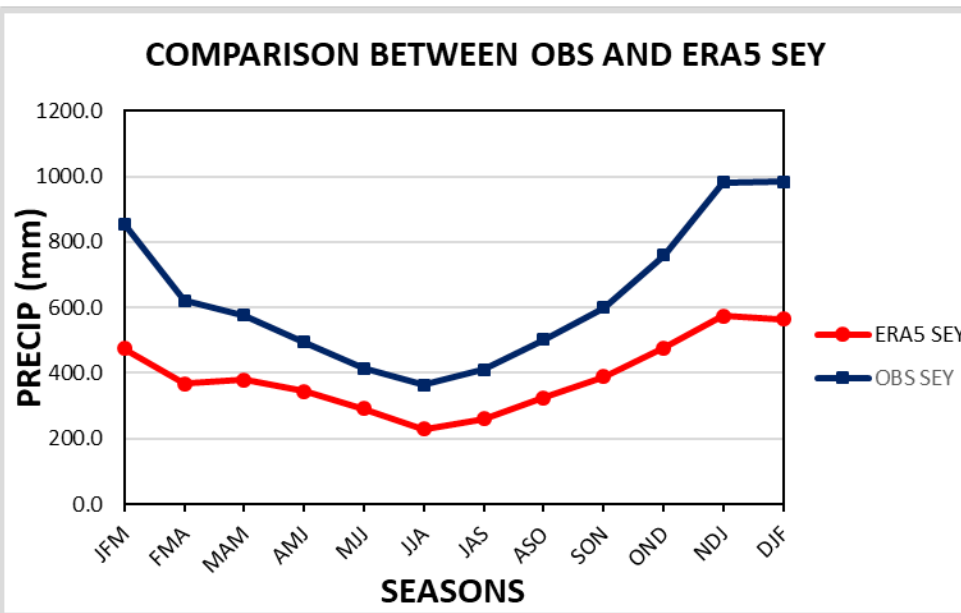
September 20-23 2021

- WebConference -

ERA5 dataset assessment – Seychelles

- Seychelles climatic zone: over Mahe and Inner Islands
- ERA5 dataset = average over the gridpoints inside the climatic zone
- OBS dataset = average over 9 stations

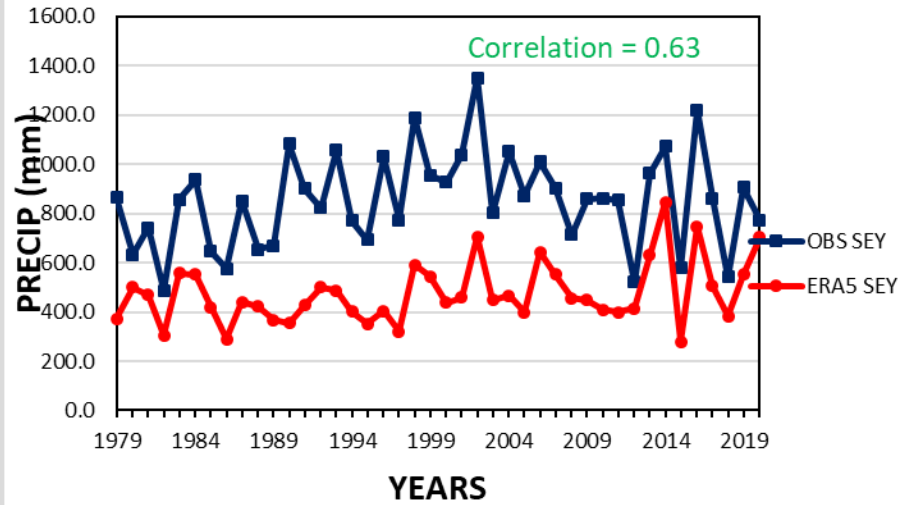
Annual series



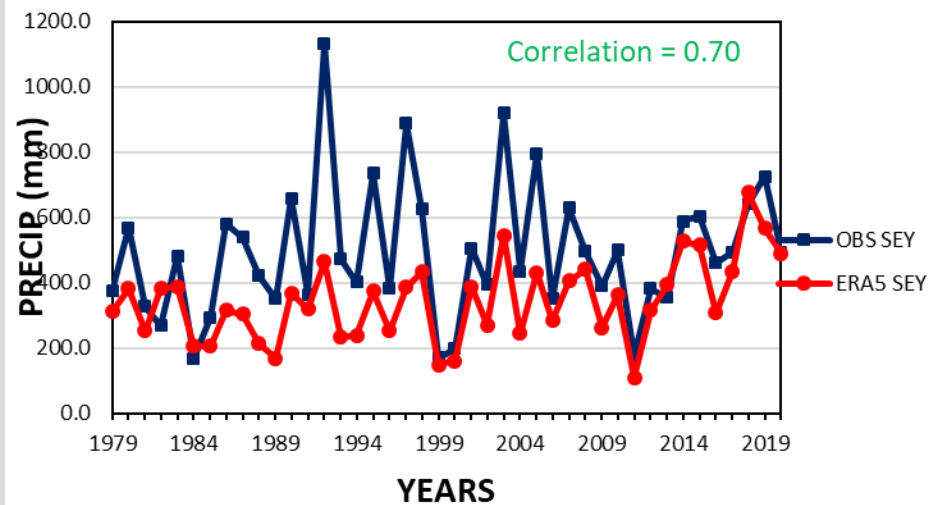
➤ Absolute values of rainfall show a strong bias : ERA5 cannot represent actual rainfall

Seasonal series

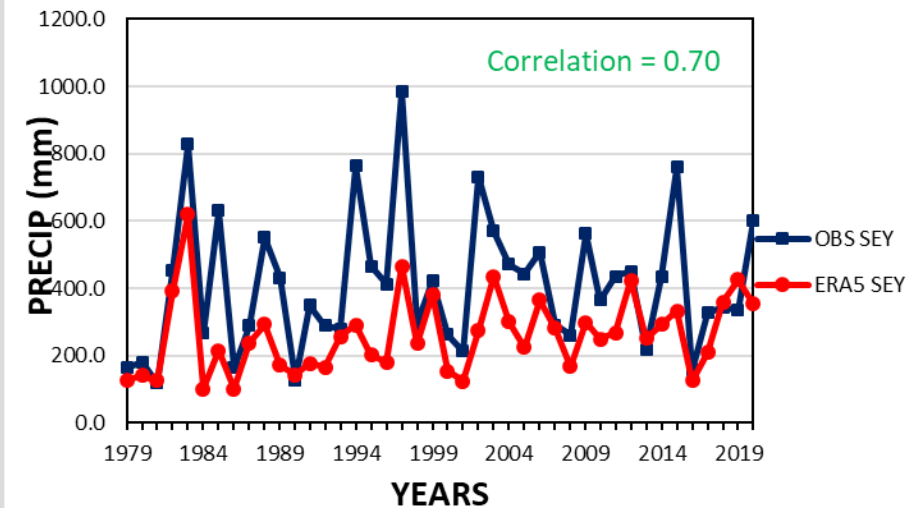
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